

**Medinilla**  
**National protocol: NP/MDN/1**

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Botanical taxon: Medinilla Gaudich.  
 Common Name (when known): Medinilla  
 Botanical taxon: Medinilla magnifica Lindl.  
 Common name: Medinilla  
 Date of preparation of NP: 28-04-2015  
 Date of prevision of NP: 01-01-2020  
 NP revised by: G. van de Wardt

Sample to be examined: VEGETATIVE  
 Number of growing cycles: 1 year

Closing date for applications: 01-12  
 Submission date/period: 1/3 - 31/3  
 Plant Quantity: 10 young plants,  
 Able to show all their characteristics in the first year of  
 technical examination.

Special conditions sample: None

Test station address: Naktuinbouw, Sotaweg 22, 2371 AA, Roelofarendsveen  
 Name: Team Support Variety Testing Department  
 E-mail: [teamsupport@rasraad.nl](mailto:teamsupport@rasraad.nl)

List of grouping characteristics: NO, (if yes put as annex)  
 Minimum number of plants in trial: Vegetative: 9                      Seed: not appl.  
 Minimum number of plants observed  
 by measuring or counting: Vegetative: 1                      Seed: not appl.

Give description of when/where observations on the leaf should take place:  
 At full flowering  
 Give description of when/where observations on the flower should take place:  
 At full flowering  
 Give description of when/where the other observations should take place:  
 At full flowering

Test will take place: IN THE GLASSHOUSE

Uniformity: A population standard of 1% with an acceptance probability of at least 95%.  
 Number of off-types allowed: one off-type allowed in a sample size of 10 plants.

Table of characteristics: PRESENT (see annex)  
 (if present, please annex the table of characteristics and explanations)

Literature: PRESENT  
 (when present, please annex to this document)

1. Table of Characteristics

	English	Example Varieties	Note
<b>1.</b>	<b>Plant: height (in cm)</b>		
	short	Bella	3
	medium		5
	tall		7
<b>2.</b>	<b>Plant: width ( in cm)</b>		
	narrow	Blush	3
	medium	Flamenco,	5
	broad		7
<b>3.</b>	<b>Stem: diameter at base (in mm)</b>		
	thin	Bella	3
	medium	Royal Intenz, Blush	5
	thick	Royal Flazh	7
<b>4.</b>	<b>Stem: intensity of green colour</b>		
	light		3
	medium	Bella	5
	dark	Arosa, Flamenco	7
<b>5.</b>	<b>Stem: colour of lignified parts</b>		
	light brown	Vino	1
	medium brown	Arosa	2
	dark brown		3
	grey brown	Rosy	4
<b>6.</b>	<b>Stem: presence of wings</b>		
	absent	Coral	1
	present	Bella, Arosa	9
<b>7.</b>	<b>Stem: length of internodes (in cm)</b>		
	short	Magic, Coral	3
	medium	Royal Intenz	5
	long	Flamenco, Royal Flazh	7
<b>8.</b>	<b>Petiole: length ( in mm)</b>		
	short		3
	medium		5
	long	Bella	7

English		Example Varieties	Note
9.	<b>Petiole: width (in mm)</b>		
	narrow	Cerise	3
	medium	Coral	5
	broad	Vino	7

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<b>10.</b>	<b>Petiole: colour</b>		
	light green	Bella	1
	medium green	Raffaella	2
	dark green		3
	brown green	Magic	4
	light green brown		5
	brown red	Rosy	6
	red purple	Mystery	7
<b>11.</b>	<b>Petiole: presence of different colour at base</b>		
	absent	Blush	1
	present	Bella	9
<b>12.</b>	<b>Petiole: different colour at base</b>		
	light green	Rosy	1
	red purple	Bella	2
	dark red purple	Coral	3
<b>13.</b>	<b>Leaf blade: length</b>		
<b>cm</b>	short	Mystery, Rosy	3
	medium	Vino	5
	long	Royal Pearlz, Flamenco	7
<b>14.</b>	<b>Leaf blade: width</b>		
<b>cm</b>	narrow	Bella, Blush	3
	medium	Royal Zenz, Vino	5
	broad	Royal Pearlz	7
<b>15.</b>	<b>Leaf blade: colour on upper side</b>		
	RHS Colour Chart (Indicate reference number)		
<b>16.</b>	<b>Leaf blade: colour on lower side</b>		
	RHS Colour chart (Indicate reference number)		
<b>17.</b>	<b>Leaf blade: colour of veins on lower side</b>		
	light green	Arosa	1
	medium green	Vino	2

	dark green	Mystery	3
	light brown green	Flamenco	4
	brown	RS001	5
	brown red	Ice	6
	red purple	Bella, Morado	7
<b>18.</b>	<b>Leaf blade: shape</b>		
	broad ovate		1
	ovate	Royal Pearlz	2
	narrow ovate	Coral	3
	narrow elliptic	Cerise	4
	elliptic	Bella, Arosa	5
	broad elliptic	Ice	6
	narrow obovate		7
	obovate		8
	broad obovate		9
<b>19.</b>	<b>Leaf blade: shape in longitudinal axis</b>		
	incurved		1
	weakly incurved		3
	straight	Arosa	5
	weakly recurved	Royal Zenz	7
	recurved	Bella	9
<b>20.</b>	<b>Leaf blade: shape of margin</b>		
	absent to very weakly undulate	Royal Zenz	1
	weakly undulate	Arosa	3
	medium undulate	Royal Pearlz	5
	strongly undulate	Coral	7
	very strongly undulate		9
<b>21.</b>	<b>Leaf blade: shape of tip</b>		
	acute	Bella	1
	acuminate	Royal Pearlz	2
	rounded	Royal Flazh	3
<b>22.</b>	<b>Inflorescence: number of flowers in biggest panicle</b>		
	few	Rosy	3
	medium		5
	many		7

<b>23.</b>	<b>Inflorescence: length</b>		
<b>cm</b>	short	Royal Flazh	3
	medium	Royal Pearlz, Royal Zenz	5
	long	Blush	7
<b>24.</b>	<b>Inflorescence: width</b>		
<b>cm</b>	narrow	Morado, Mystery	3
	medium	Royal Flazh	5
	broad	Raffaela	7
<b>25.</b>	<b>Inflorescence: length of internodes</b>		
<b>m m</b>	short	Bella, Flamenco	3
	medium	Vino	5
	long	Rosy	7
<b>26.</b>	<b>Peduncle: length</b>		
<b>m m</b>	short		3
	medium	royal pearlz, Royal Zenz	5
	long	Flamenco	7
<b>27.</b>	<b>Peduncle: diameter</b>		
<b>m m</b>	thin	Bella, Blush	3
	medium	Ice	5
	thick	Royal Pearlz, Royal Flazh	7
<b>28.</b>	<b>Peduncle: colour</b>		
	RHS Colour chart (indicate reference number)		
<b>29.</b>	<b>Peduncle: shape in cross section</b>		
	square (winged)	Arosa	1
	round	Bella	2
	round to flattened		3
	flat	Royal Pearlz	4
<b>30.</b>	<b>Bracts: length</b>		
<b>m m</b>	short	Vino, Blush	3
	medium	Royal Pearlz, Royal Flazh	5

	long	RS003	7
<b>31.</b>	<b>Bracts: width</b>		
<b>m</b>	narrow		3
<b>m</b>	medium		5
	broad		7
<b>32.</b>	<b>Bracts: colour on upper side</b>		
	RHS Colour chart		
	(Indicate reference number)		
<b>33.</b>	<b>Bracts: shape</b>		
	broad ovate	RS001	1
	ovate	Bella	2
	narrow ovate	Raffaella	3
	narrow elliptic	Flamenco	4
	elliptic	Royal Zenz	5
	broad elliptic	RS003	6
<b>34.</b>	<b>Bracts: shape in cross section</b>		
	strongly concave	RS002	1
	concave	Bella	3
	flat	Morado	5
	convex	Royal Pearlz	7
	strongly convex		9
<b>35.</b>	<b>Bracts: shape of margin</b>		
	very weakly undulate		1
	weakly undulate	Royal Zenz	3
	medium undulate		5
	strongly undulate	RS001	7
	very strongly undulate to folded		9
<b>36.</b>	<b>Bracts: shape of tip</b>		
	acute	Vino	1
	acuminate	Royal Intenz	2

<b>37.</b>	<b>Pedical: length</b>		
<b>m</b>	short	Flamenco, Coral	3
<b>m</b>	medium	Royal Pearlz, Morado	5
	long		7
<b>38.</b>	<b>Pedical: main colour</b>		
	RHS Colour chart		
	(indicate reference number)		
<b>39.</b>	<b>Pedical: shape in cross section</b>		
	round	Bella	1
	square	Royal Flazh	2
<b>40.</b>	<b>Secondary pedical: length</b>		
<b>m</b>	short	Coral	3
<b>m</b>	medium	Morado	5
	long		7
<b>41.</b>	<b>Secondary pedical: main colour</b>		
	RHS Colour chart		
	(indicate reference number)		
<b>42.</b>	<b>Secondary pedical: shape in cross section</b>		
	round	Arosa	1
	square	Royal Flazh	2
<b>43.</b>	<b>Flower: diameter</b>		
<b>m</b>	small	Bella, Mystery	3
<b>m</b>	medium	Royal Intenz	5
	large		7
<b>44.</b>	<b>Calyx: colour</b>		
	RHS Colour chart		
	(indicate reference number)		



<b>45.</b>	<b>Corolla: number of petals</b>		
	four	Vino	1
	four to five	Arosa	2
	five	Flamenco	3
	four to six	Bella	4
<b>46.</b>	<b>Petal: length</b>		
<b>m m</b>	short	Arosa	3
	medium	Morado	5
	long	RS003	7
<b>47.</b>	<b>Petal: width</b>		
<b>m m</b>	narrow	Bella, Royal Pearlz	1
	medium		2
	broad		3
<b>48.</b>	<b>Petal: colour</b>		
	RHS Colour chart		
	(Indicate reference number)		
<b>49.</b>	<b>Petal: shape</b>		
	ovate	Bella	1
	elliptic	Vino	2
	elongated	Rosy	3
	obovate	Arosa	4

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<b>50.</b>	<b>Petal: shape in cross section</b>		
	weakly concave	RS002	1
	concave	Bella	3
	straight	Royal Pearlz	5
	convex		7
	weakly convex		9
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<b>51.</b>	<b>Petal: shape of longitudinal section</b>		
	strongly incurved		1
	incurved	Bella	3
	straight	Vino	5
	recurved	RS002	7
	strongly recurved		9
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<b>52.</b>	<b>Petal: shape of tip</b>		
	obtuse	Bella	1
	rounded	Arosa	2
	obtuse	Vino	3
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<b>53.</b>	<b>Stamen: length</b>		
<b>m</b>	short	Coral	1
<b>m</b>	medium	Arosa	3
	long	RS003	5
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<b>54.</b>	<b>Stamen: colour</b>		
	white	Arosa	1
	light yellow	Royal Pearlz	2
	yellow	Flamenco	3
	orange		4
	orange red	Coral	5
	pink red	RS001	6
	light purple red	Raffaella	7
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<b>55.</b>	<b>Stamen: shape in longitudinal axis</b>		
	strongly incurved		1
	incurved	Bella	3
	straight	Magic	5
	recurved	Mystery	7
	strongly recurved	RS003	9
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	English	Example Varieties	Note
<b>56.</b>	<b>Anthers: length</b>		
<b>m</b>	short		1
<b>m</b>	medium	RS001	3
	long		5
<b>57.</b>	<b>Anthers: colour</b>		
	white	Royal Pearlz	1
	light yellow	RS003	2
	yellow	Bella	3
	orange		4
	orange red	Ice	5
	purple red	Raffaela	6
	purple		7
<b>58.</b>	<b>Style: length</b>		
<b>m</b>	short	Coral, Raffaela	1
<b>m</b>	medium		3
	long	Royal Flazh, Rosy	5
<b>59.</b>	<b>Style: colour</b>		
	white	Bella	1
	light yellow		2
	yellow		3
	orange		4
	orange red	Coral	5
	purple red	Royal Flazh	6
	purple	Flamenco	7
<b>60.</b>	<b>Ovary: length</b>		
<b>m</b>	short	Royal Intenz	1
<b>m</b>	medium	Arosa, Flamenco	3
	long	Ice	5
<b>61.</b>	<b>Ovary: diameter</b>		
<b>m</b>	small	Morado	1
<b>m</b>	medium	Bella, Vino	3
	large	Ice	5

	English	Example Varieties	Note
<b>62.</b>	<b>Ovary: colour</b>		
	RHS Colour Chart		
	(Indicate reference number)		
<b>63.</b>	<b>Ovary: shape</b>		
	round	Bella	1
	elliptic	RS003	2
	obovoid	Royal Intenz	3
<b>64.</b>	<b>Ovary: shape of tip</b>		
	rounded	RS003	1
	obtuse	RS002	2
	flattened	Arosa	3

2. Literature:

Dictionary of Gardening: The Royal Horticultural Society

The illustrated encyclopedia of orchids, Alec Pridgeon

Hortica, A.B. Graf